

AMENDMENTS TO THE SPECIFICATION

Please amend the paragraphs at page 2, line 28 – page 5, line 5 as follows:

The foregoing and/or other aspects of the present invention can be achieved by providing a combined mobile container inspection system comprising: a radiation source[[:]], a chassis ~~and a remote control device~~; a rotatable deck [[is]] provided at an end of the upper surface of said chassis and being rotatable with respect to said chassis, ~~and~~ provided with a parallelogram bracket formed by a hingedly-connected four-bar linkage mechanism, wherein the cross link of the parallelogram bracket extends to form a horizontal cross arm with [[a]] detectors, the other end of said horizontal cross arm is connected with a vertical upright arm, which is vertical or parallel to said horizontal cross arm[[:]] ~~with a detector via an drawing mechanism~~; and wherein a sliding deck [[is]] provided at the rear end of the rotatable deck and movable upwardly and downwardly, said sliding deck is provided, in turn, with the radiation source, the X-ray generated therefrom is always right in the face of the detectors provided in the horizontal cross arm and vertical upright arm, calibrator and collimator[[:]].

In the above mentioned technical scheme, an auxiliary bracket of the vertical upright arm is provided on the upper surface of said chassis corresponding to the other end of the rotatable deck when the vertical upright arm is supported parallel to the horizontal cross arm.

In the above mentioned technical scheme, the middle part of the upper surface of the chassis is provided with a device cabin, in which image acquisition module, operation ~~inspector~~ inspection device and ~~modulation~~ modulator cabin are provided[[:]]. ~~wheels provided with driving device are mounted on the lower surface of said chassis;~~

In the above mentioned technical scheme, the rotatable deck on the upper surface of the chassis rotates 90 degree when the container is inspected[[:]], and a gantry frame is composed of the parallelogram bracket, horizontal cross arm and vertical upright arm, the sliding deck is moved downwardly which lowers the target point of the ray irradiated from the radiation source, calibrator and collimator to enlarge the scanning range, the control signal is outputted from a remote control device, driving the gantry frame on the upper surface of the chassis to move

~~paralleledly~~ paralleled across the inspected container, the sector formed of the X ray irradiated from the radiation source penetrates through the inspected container at low position and is converted into electrical signal inputting into the image acquisition module in the device cabin after the sector is received by the detectors in the horizontal cross arm and vertical upright arm, the image signal is transferred from the image acquisition module to the operation ~~inspector~~ inspection device and the inspection result is displayed by the display device of the remote control.

~~In the above mentioned technical scheme, said sliding deck is comprised, in two parts, of a fixed frame and a sliding frame provided with the radiation source, calibrator and collimator, the fixed frame is fixed to the rotatable deck, the both side ends of the inner side of the fixed frame are provided with sliding rail, the sliding frame is embeddedly provided on the sliding rail of the fixed frame, a driving mechanism, which moves the sliding frame upwardly and downwardly, is connected between the fixed frame and the sliding frame.~~

~~In the above mentioned technical scheme, said driving mechanism is composed of a screw thread pair which comprises a drive screw provided on the fixed frame and a nut fixed within the sliding frame.~~

~~In the above mentioned technical scheme, said driving mechanism comprises a hydraulic pressure oil cylinder provided between the fixed frame and the sliding frame.~~

In the above mentioned technical scheme, parallelogram bracket may be vertical lifting arm which is used to raise horizontal cross arm and form a gantry frame with horizontal cross arm and vertical upright arm.

In the above mentioned technical scheme, the angle between the chassis and the rotatable deck may not be 90 degree strictly, and this angle can be other value provided there's enough space between the gantry and the scanned container.

In the above mentioned technical scheme, wheels provided with driving device are mounted on the lower surface of said chassis.

In the above mentioned technical scheme, said driving device comprises a motor and a decelerator which are fixed with the lower surface of the chassis, the motor shaft is connected

with the decelerator, the output shaft of which is connected with the wheels directly provided on the rail or directly contacting the ground surface.

In the above mentioned technical scheme, said driving device have hydraulic pressure motor which is fixed to the lower surface of the chassis, the output shaft of the hydraulic pressure motor is connected with the wheels directly provided on the rail or directly contacting the ground surface.

In the above mentioned technical scheme, said radiation source is a linear electron accelerator or a radioactive isotope.

~~Therefore, the height of the radiation source provided on the sliding deck is adjustable due to the provision of a stepless positioning sliding deck on the rotatable deck according the present invention, therefore, the radiation range is enlarged, avoiding scanning dead corner. In addition, each part of the system can be of a mechanical modular structure, which makes the installation and debugging of the system easier, and also have the advantages of convenience, stability, high efficiency, low cost and provision of high quality images.~~

In the above mentioned technical scheme, said sliding deck is comprised of a fixed frame and a sliding frame provided with the radiation source, calibrator and collimator. The fixed frame is fixed to the rotatable deck, the both side ends of the inner side of the fixed frame are provided with sliding rail, the sliding frame is embeddedly provided on the sliding rail of fixed frame, a driving mechanism, which moves the sliding frame upwardly and downwardly, is connected between the fixed frame and the sliding frame.

In the above mentioned technical scheme, said driving mechanism is composed of a screw thread pair which comprises a drive screw provided on the fixed frame and a nut fixed within the sliding frame.

In the above mentioned technical scheme, said driving mechanism comprises a hydraulic pressure oil cylinder provided between the fixed frame and the sliding frame.